

What is claimed is:

1. A microwave oven comprising:

a casing which forms an appearance and has a front surface backwardly

5 slanted and an adjusting portion formed at the slanted part;

a cooking chamber formed inside the casing, for cooking food; and

a door rotably combined at a side of the casing and slanted correspondingly the casing in order to opening and close the front surface of the cooking chamber.

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2. The microwave oven of claim 1, wherein the casing and the door

are rounded with a predetermined curvature from a middle portion of the front surface to an upper end portion.

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3. The microwave oven of claim 1, wherein the casing and the door

are rounded with a predetermined curvature from a lower end portion of the front surface to an upper end portion.

4. The microwave oven of claim 1, wherein the casing and the door

20 are bent with a predetermined angle at a middle portion of the front surface.

5. The microwave oven of claim 1, wherein the casing and the door

are gradually slanted from an upper end portion of the front surface to a lower end portion.

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6. The microwave oven of claim 1, wherein a transparent window for looking into the cooking chamber is installed at a center of the door, and the transparent window is slanted along a shape of the door.

5 7. The microwave oven of claim 1, wherein the door comprises:  
a door frame formed of iron material and facing the casing;  
a door panel combined at an outer surface of the door frame and injected  
with synthetic resin;  
a transparent window for viewing inside of the cooking chamber; and  
10 a chock cover for covering the door frame, and  
the door frame comprises:  
a contact portion inwardly curved to face the casing;  
an inductance portion for forming an inductance by being extended and  
curved from the contact portion; and  
15 a capacitor portion curved from the inductance portion, for forming a  
capacitance.

8. The microwave oven of claim 1, wherein an LC resonant circuit of  
the door comprises:

20 a first capacitance  $C_1$ ;  
an inductance  $L$  connected to the first capacitance  $C_1$ ; and  
a second capacitance  $C_2$  connected to the inductance  $L$  in parallel.

25 9. The microwave oven of claim 7, wherein a ratio between a width  
and a thickness of the door frame is 0.8~0.95.

10. The microwave oven of claim 1, wherein a cutting portion for preventing the door frame from being deformed is formed at an inner wall surface of the door frame.